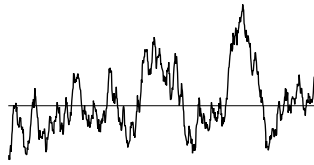


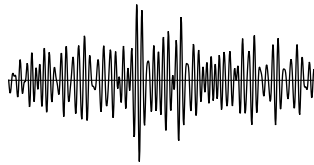
*Raw  
ECoG*



common average reference  
70–110 Hz bandpass



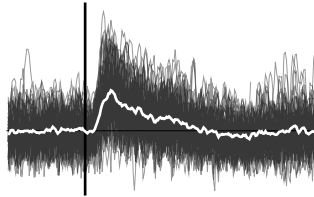
*Filtered  
ECoG*



trial alignment  
multi-taper spectral estimation  
baseline normalization



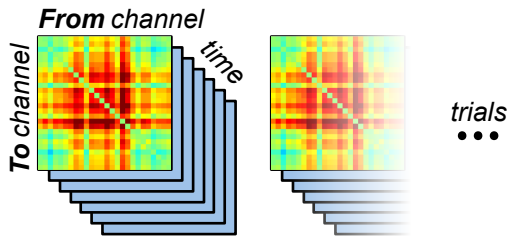
*Event-related  
HG activity*



feature selection  
tvDBN interaction estimation  
baseline normalization



*Event-related  
interaction*

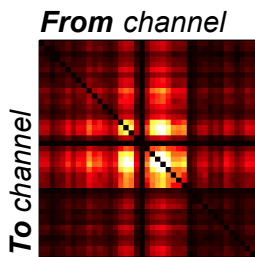


PCA  
sign separation

*spatial*

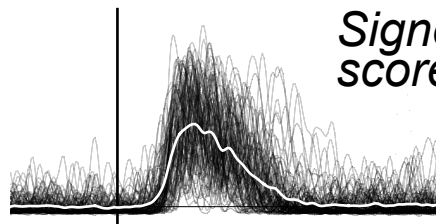
*temporal*

*Signed PC  
loadings*



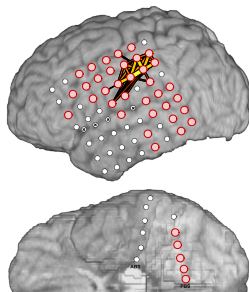
loading statistics

*Signed PC  
scores*



modulation statistics

**FNC  
loadings**



**FNC  
activation**

